

Abstract:

1. Electrical machine

2.1 The invention relates to an electrical machine with a single-pole winding substantially built up from bodies, whereby at least one of said bodies is structured from a number of segments at least corresponding with the number of poles of the electrical machine. It has been found in this connection that it is not possible to assemble at least the electrical bodies of rotating electrical machines in such a way.

2.2 The aforementioned problems are solved in that at least one of the inductively excitable bodies of the electrical machine is substantially assembled from receiving bodies 2, 3, whereby each receiving body 2, 3 is suitable for receiving in an operationally fixed manner at least two winding carriers 4. Said receiving bodies 2, 3 are decoupled from the given pole number or pole pitch of the machine and can be dimensioned depending on the manufacturing tolerance. Such receiving bodies 2, 3 can be assembled within out problems.

2.3 Single-pole winding

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